**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet - 2023/2024 Academic Year**

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| STUDENT NAME: | Alex |
| STUDENT NUMBER: | 202018010337 |
| SUPERVISOR NAME: | Grace Ugochi Nneji |
| WEEK NUMBER | 4 |
| DATE: | 2023/10/26 |
| **Action plan for the current week:**   1. Research resources about CNN models of malaria cells classification. 2. Learn the specific CNN models about Inception-v1 to v4 models, the RestNets models,the Inception-ResNet-v2models, and also the Depthwise Separable Convolution. 3. Conduct proposal report. 4. Discuss with supervisor about proposal model. 5. Modify the first proposal report. | |
| **Challenges and issues encountered in the week:**  1. Misunderstanding of Depthwise Separable Convolution.   1. Shallow understanding of Inception models, ResNet models and Inception-ResNet models. 2. Hard to create the new model which combines Depthwise Separable Convolution and Inception-ResNet-v2. | |
| **Action plan for the next week:**   1. Research and learn more resources about Inception-ResNet-v1/2 models and Depthwise Separable Convolution. 2. Try to learn and conduct the codes of Inception-ResNet-v2 models and Depthwise Separable Convolution. | |
| **Supervisor Feedback:** | |